

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Pan HUIYU et al.
Serial No.: NOT YET ASSIGNED
Filed: NOVEMBER 6, 2003
Title: A PULSE TUBE REFRIGERATOR
Customer No.: 23911
Confirmation No.:

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§ 1.97 and 1.98**

Mail Stop NEW APP
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

November 6, 2003

Sir:

In accordance with the duty of disclosure under 37 CFR §1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached Form PTO-1449 and/or listed herein and which the Examiner may deem relevant to patentability of the claims of the above-identified application.


In compliance with the concise explanation requirement under 37 CFR §1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of a corresponding foreign Search Report citing such documents, together with an

English-language version (if not already included) of that portion of the Search Report indicating the degree of relevance found by the foreign office.

The present Information Disclosure Statement is being filed (1) no later than three months from the application's filing date or (2) before the mailing date of the first Office Action on the merits (whichever is later), and therefore no certification under 37 C.F.R. §1.97(e) or fee under 37 C.F.R. §1.17(p) is required.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

Respectfully submitted,



Gary R. Edwards

Registration No. 31,824

CROWELL & MORING, LLP
Intellectual Property Group
P.O. Box 14300
Washington, DC 20044-4300
Telephone No.: (202) 624-2500
Facsimile No.: (202) 628-8844
GRE:kms

FORM PTO-1449 U.S. Department of Commerce Patent & Trademark Office INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>	Attorney Docket No. 038871.52853US	Serial No. Not yet assigned
	Applicant: Pan HUAIYU et al	
	Filing Date: November 6, 2003	Group

U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date (if appropriate)
	AA	5,295,355	03/22/1994	Zhou et al	62	6	
	AB	5,435,136	07/25/1995	Ishizaki et al	60	517	
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						

FOREIGN PATENT DOCUMENTS								
Examiner Initial		Document Number	Date	Name	Class	Sub-Class	TRANSLATION	
							Yes	No
	AK	2 237 866 A	19.10.1990	UK				
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
	AQ						
	AR						
	AS						

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.	